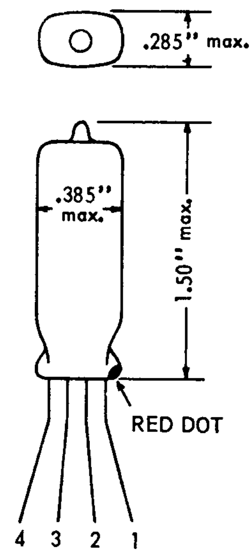
SUBMINIATURE TRIODE

TYPE CK7246

The CK7246 is a 500 megacycle, filament type triode of subminiature construction designed for use as a high frequency oscillator, Class C amplifier, superregenerative detector, frequency multiplier or mixer. It is particularly useful in applications requiring economy of space, weight and battery drain The flexible terminal leads may be soldered or welded directly to the terminals of circuit components without the use of sockets. Standard subminiature sockets may be used by cutting the leads to a suitable length.



MECHANICAL DATA

ENVELOPE: T-2 X 3 Glass

BASE: None (0.016" tinned flexible leads. Length: 1.5" min. spacing: 0.048" center-to-center)

TERMINAL CONNECTORS: (Red dot is adjacent to lead 1)

Lead 1 Plate	Lead 3 Grid
Lead 2 Filament (negative)	Lead 4 Filament (positive)

MOUNTING POSITIONS: Any

ELECTRICAL DATA

DIRECT INTERELECTRODE CAPACITANCES: ($\mu\mu$fds)

	Without Shield
Grid to Plate	1.5
Input	1.6
Output	1.9

RATINGS-ABSOLUTE MAXIMUM VALUES:

Filament Voltage (dc)	1.25± 12%	volts
Plate Voltage	150	volts
Plate Current	7.5	ma.
Grid Current	1.2	ma.
Grid Voltage	-30	volts
Plate Dissipation	0.7	watts

CHARACTERISTICS AND TYPICAL OPERATION-CLASS A1 AMPLIFIER:

Filament Voltage (dc)	1.25	volts
Filament Current	150	ma.
Plate Voltage	105	volts
Grid Voltage	-2.5	volts
Transconductance	2700	μmhos
Amplification Factor	22	
Plate Current	4.5	ma

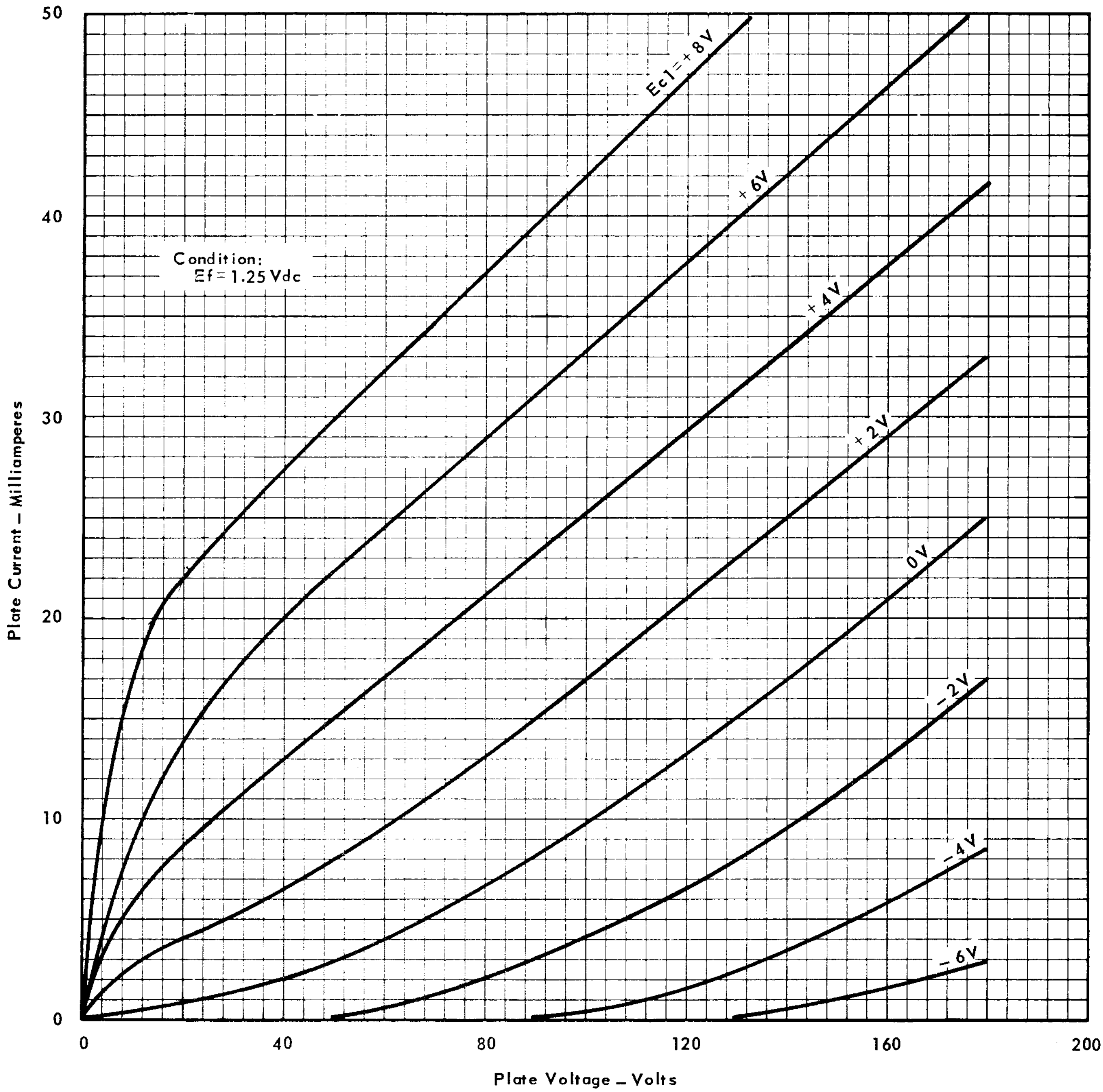
These data identify a particular developmental tube design and type designation or the descriptive data may be subject to change or abandonment.

Objective Data

RAYTHEON

SUBMINIATURE TRIODE

AVERAGE PLATE CHARACTERISTICS



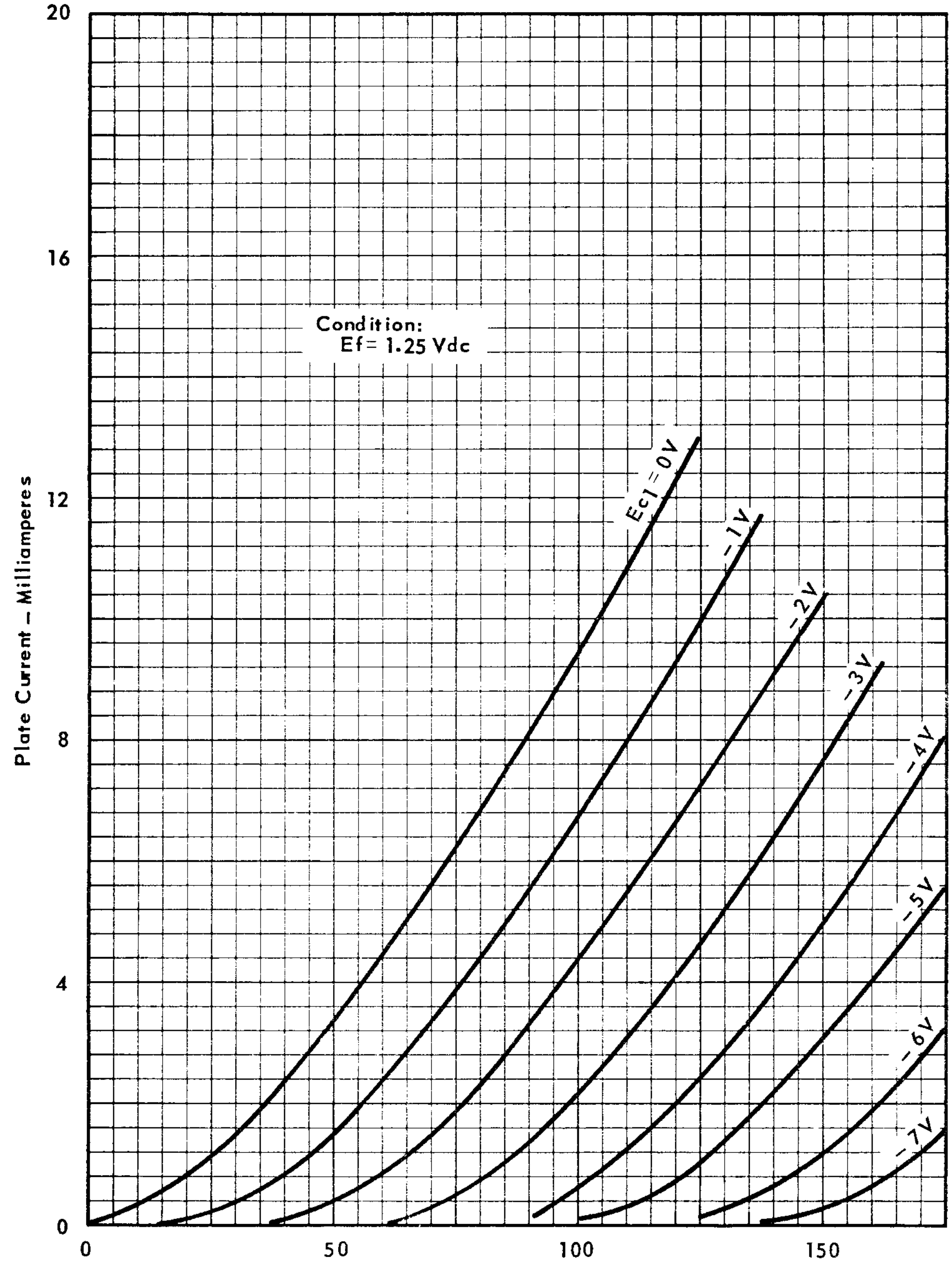
INDUSTRIAL TUBE DIVISION

55 CHAPEL ST., NEWTON 58, MASS.

RAYTHEON

SUBMINIATURE TRIODE

AVERAGE PLATE CHARACTERISTICS

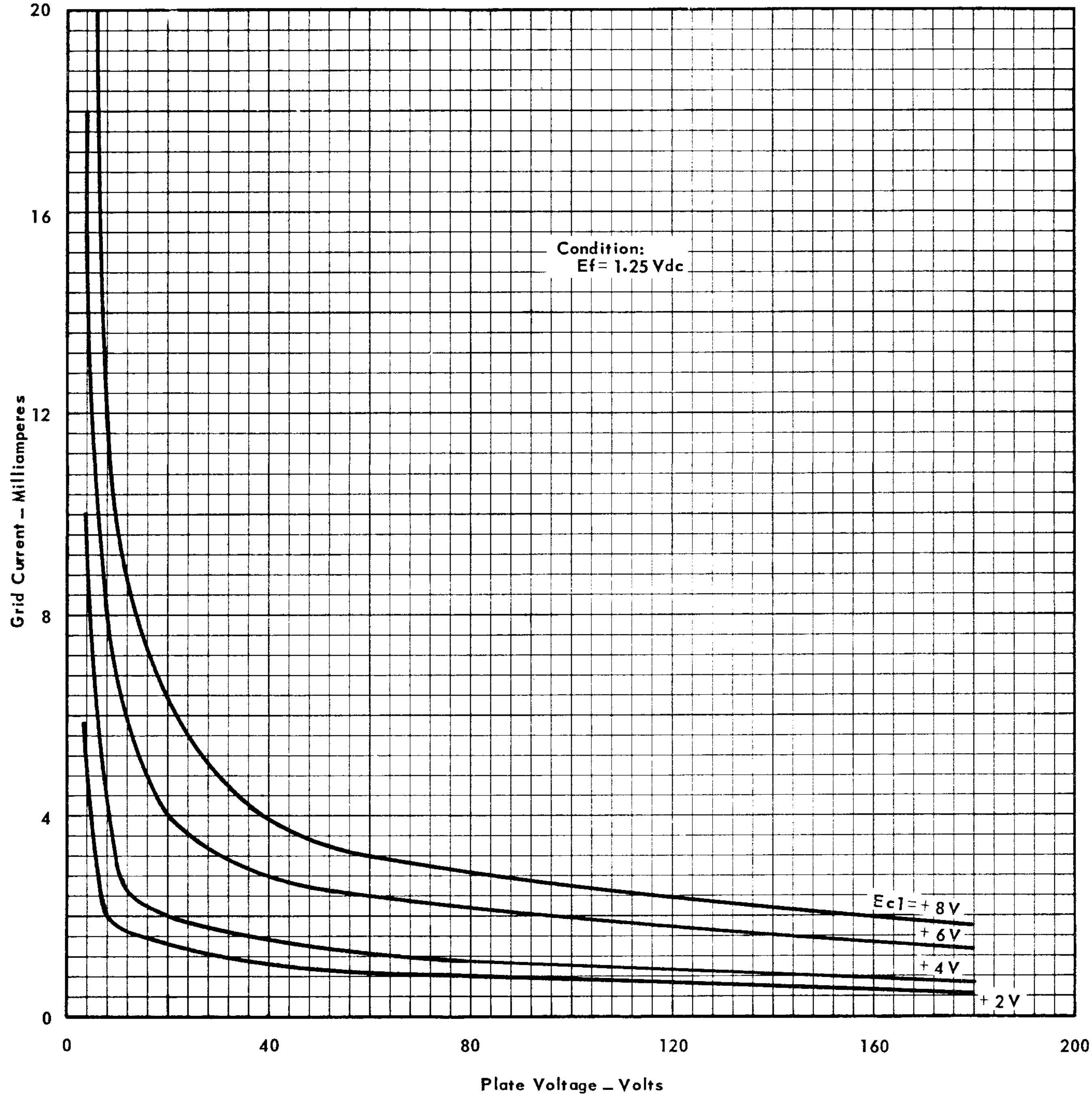


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AVERAGE GRID CHARACTERISTICS



SUBMINIATURE TRIODE

AVERAGE CHARACTERISTICS

